

	Hits	Search Text
1	15	microsphere and fiber
2	8485	microsphere and fiber
3	61	(microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)
4	45	((microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)) and (glass or ceramic)
5	30	((microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)) and (glass or ceramic)) and expancel
6	22	((((microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)) and (glass or ceramic)) and expancel) and (aramid or carbon or glass or polyester) same fiber
7	14	(microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere) and hollow adj
8	11	("4163824" "4365024" "4418159" "5137831" "6013689" "5137931" "4067829" "3673130" "3740356" "4680214" "6342750").pn.

	Hits	Search Text
9	1	9 and (expanded or expandable)
10	1	9 and hollow
11	2	8 and microsphere and fiber

	Hits	Search Text
1	15	microsphere and fiber
2	8485	microsphere and fiber
3	61	(microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)
4	45	((microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)) and (glass or ceramic)
5	30	((microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)) and (glass or ceramic)) and expancel
6	22	((((microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere)) and (glass or ceramic)) and expancel) and (aramid or carbon or glass or polyester) same fiber
7	14	(microsphere and fiber) and (expandable adj microsphere and expanded adj microsphere) and hollow adj

	Document ID	Issue Date	Title	Current OR	Current XRef
1	US 200400590 10 A1	20040325	Composite foam made from polymer microspheres reinforced with long fibers	521/56	
2	US 200301765 16 A1	20030918	Cellular perfluoroelastomeric compositions, sealing members, methods of making the same and cellular materials for medical applications	521/50	
3	US 200301527 24 A1	20030814	Coated paperboards and paperboard containers having improved tactile and bulk insulation properties	428/34 .2	428/143

	Document ID	Issue Date	Title	Current OR	Current XRef
4	US 200301385 94 A1	20030724	Non-woven shaped fiber media loaded with expanded polymer microspheres	428/912;	428/402; 428/85
5	US 200301293 84 A1	20030710	Printing blanket face and compressible layer compositions	428/317.9	428/909
6	US 200301041 51 A1	20030605	Printing face formulary	428/36.91	
7	US 6379497 B1	20020430	Bulk enhanced paperboard and shaped products made therefrom	162/123	162/125; 162/127; 162/129; 162/130; 162/135; 162/137; 162/158
8	US 5916671 A	19990629	Reusable resilient gasket and method of using same	428/317.3	428/317.9; 428/319.3; 428/319.7; 428/319.9; 428/343; 428/354

	Document ID	Issue Date	Title	Current OR	Current XRef
9	US 5750931 A	19980512	Electrical cable with improved insulation and process for making same	174/110PM	174/120R
10	US 5688860 A	19971118	Polyurethane/polyurea elastomers	524/710	521/122; 521/56; 521/59; 521/76; 523/218; 523/219; 524/127; 524/270; 524/284; 524/306; 524/312; 524/313; 524/315; 524/474; 524/476; 524/481; 524/485; 524/590; 524/66; 524/705; 524/764; 524/773; 524/874; 525/123; 525/125; 525/126; 525/130; 525/131; 525/329. 3; 525/331. 9;

	Document ID	Issue Date	Title	Current OR	Current XRef
11	US 5665785 A	19970909	Process for forming microcellular structures having an integral skin and products thereof	521/51	264/45.5; 264/DIG. 5; 521/142; 521/143; 521/145; 521/146; 521/147; 521/148; 521/149; 521/150; 521/155; 521/54
12	US 5470886 A	19951128	Curable, sprayable compositions for reinforced thin rigid plates	521/59	523/206; 523/218
13	US 5468314 A	19951121	Process for making an electrical cable with expandable insulation	156/56	156/244. 12; 156/51; 156/53; 156/83; 264/45.4; 264/45.9; 264/46.6; 427/434. 6

	Document ID	Issue Date	Title	Current OR	Current XRef
14	US 5429869 A	19950704	Composition of expanded polytetrafluoroethylene and similar polymers and method for producing same	428/364	2/275; 264/343; 428/372; 428/373; 428/376; 428/379; 521/138; 521/56; 521/59; 57/903; 57/905; 57/907; 606/231; 8/130.1
15	US 5418257 A	19950523	Modified low-density polyurethane foam body	521/54	521/137; 521/172
16	US 5332760 A	19940726	Modified low-density polyurethane foam body	521/54	521/137
17	US 5272001 A	19931221	Modified low-density polyurethane foam body	428/313.5	521/54; 521/55
18	US 5242637 A	19930907	Process for the production of composite molded articles	264/45.3	264/126; 264/257; 264/258; 264/273; 264/45.4; 264/46.6; 264/DIG. 6

	Document ID	Issue Date	Title	Current OR	Current XRef
19	US 4995545 A	19910226	Method of reinforcing a structure member	228/119	264/36.1 1; 264/36.1 5; 264/36.2 2; 264/46.6; 264/46.7; 264/DIG. 6; 264/DIG. 65; 264/DIG. 7; 29/402.1 3; 29/402.1 8; 29/458; 29/897.2; 521/54; 521/912
20	US 4923902 A	19900508	Process and compositions for reinforcing structural members	521/54	206/304; 521/135; 521/178
21	US 4879163 A	19891107	Textiles containing interstices and processes for making such textiles	428/198	156/155; 156/272. 2; 156/275. 7; 156/276; 428/372; 428/95

	Document ID	Issue Date	Title	Current OR	Current XRef
22	US 4855170 A	19890808	Pressure-sensitive tape construction incorporating resilient polymeric microspheres	428/40 .2	428/144; 428/147; 428/317. 428/327; 428/343; 428/354